

REMARKS

In reply to the Office Action of December 7, 2005, applicant submits the following remarks. Claims 5, 10, 15, 20, 27 and 34 are canceled. The applicant reserves the right to prosecute the subject matter of the cancelled claim in one or more continuation or divisional applications. Applicant respectfully requests reconsideration in view of the foregoing amendments and these remarks.

Claim Amendments

Claims 1, 4, 6, 9, 11, 14, 16, 19, 21, 26, 28 and 33 are amended. Support for the amendments to claims 1, 6, 11, 16, 21 and 28 can be found at least on page 4, first full paragraph of the detailed description and page 5, first full paragraph and in figure 2. The amendments to claims 4, 9, 14, 19, 26 and 33 were made to keep the antecedent basis of the terms in the claims consistent with the amended independent claims.

Information Disclosure Statement

Applicant submitted an Information Disclosure Statement and PTO-1449 listing U.S. Patent No. 5,047,687 on February 3, 2006. Applicant believes this addresses the Examiner's concerns and kindly requests that the Examiner initial the listed references.

Section 102 Rejections

Claims 1-4, 11-14 and 28-33 were rejected under 35 U.S.C. 102(b) as allegedly being anticipated by U.S. Publication Number 2003/0222250 ("Hsu"). The applicant respectfully disagrees in light of the amendment to claim 1.

Claim 1 is directed to an electronic device having a plurality of first electrodes and a plurality of second electrodes that intersect the plurality of first electrodes, where the plurality of first electrodes intersect and the plurality of second electrodes. At each intersection a pixel is located. At each pixel there is a conducting polymer region that is electrically isolated from a conducting polymer region at an adjacent pixel.

Hsu is directed to a formulation for a conductive polymer, where a layer of the conductive polymer acts as a buffer layer in a light-emitting device (paragraph 0011). In forming the light-emitting device, an anode and conductive polymer layer of a light emitting diode can be patterned (paragraph 0021). "The layers can be applied in a pattern by . . . positioning a patterned mask or photoresist . . . prior to applying the first electrical contact layer material. Alternatively, the layers can be patterned using, for example, a photoresist and wet chemical etching." *Id.* In the following paragraph, Hsu states "in order to prevent cross-talk between lines or pixels of the patterned anode, electrical conductivity of the buffer layers should be as low as possible" (paragraph 0022).

Hsu fails to suggest or disclose a device with a plurality of conducting polymer regions where at each pixel there is a conducting polymer region that is electrically isolated from a conducting polymer region at an adjacent pixel. Rather, Hsu suggests forming a conductive polymer layer that has the same pattern as an anode layer formed under the conductive polymer layer. In Hsu, a mask is applied before applying the conductive polymer layer to the substrate. Hsu does not suggest changing the mask prior to applying the conductive polymer. Further, if the conductive polymer were applied in electrically isolated regions, there would be no reason to require the electrical conductivity of the conductive polymer layer to be "as low as possible" "to prevent cross-talk" (paragraph 0022). For at least these reasons, applicant submits that claim 1 as amended is not anticipated by Hsu. Claims 2-4 depend from claim 1 and are similarly not anticipated by Hsu after amendment of claim 1.

Claims 11 and 28 also require a plurality of conducting polymer regions where at each pixel there is a conducting polymer region that is electrically isolated from a conducting polymer region at an adjacent pixel. For at least the reasons provided above with respect to claim 1, applicant submits that claims 11 and 28 are not anticipated by Hsu. Claims 12-14 depend from claim 11 and claims 29-33 depend from claim 28 and, thus, applicant submits claims 12-14 and 29-33 are similarly not anticipated.

Applicant respectfully requests withdrawal of the anticipation rejections.

Withdrawn Claims

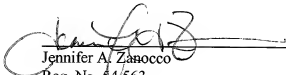
Method claims 6, 16 and 21 have been amended to require all of the limitations of one of the independent device claims. The applicant respectfully requests that upon allowance of the elected invention, the withdrawn claims be considered for rejoinder per MPEP § 821.04(b).

The three month extension of time fee in the amount of \$1020 is being paid concurrently herewith on the Electronic Filing System (EFS) by way of Deposit Account authorization. Please apply any other required charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

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